

REQUEST FOR QUOTE

Questions & Answers

ISSUED: 07/02/2021

RFQ NUMBER: BWC220129

PROPOSAL DUE DATE: July 20, 2021, 2:00 P.M. ET

The Ohio Bureau of Workers' Compensation (BWC) is requesting quotes for:

Consulting Services to Perform a Mainframe Modernization Study

07/02/21

Q: Architecture

Type	Comments
Mainframe	
Model	<i>OIT's IBM Z13-508 - Please confirm</i>
Location	<i>Please provide any architectural diagrams, landscapes or topologies that illustrate mainframe setup.</i>
MIPS	<i>Please provide the MIPS rating for each mainframe. (from RFQ: 130 MSU)</i>
Allocation	<i>Additional detail like development MIPS versus production MIPS, online versus batch, by application</i>
Chargeback	<i>How is mainframe cost allocated to the business?</i>
z/OS Version	
Specialty Engines	<i>IFL, zIIP, zAAP and number of each</i>
Disaster Recovery Testing	<i>How often is a DR test performed, what is the DR topology?</i>
LPAR Configuration	<i>(From RFQ: 2 test LPARs, 1 PROD LPAR) - Please confirm</i>
IBM Software List	<i>Obtain MLC or SCRT Report if possible (From RFQ: CICS, DB2, Gentrans, DB2 connect, Data studio)</i>
Other Software	<i>Obtain list of all mainframe software installed with description and version (From RFQ: Broadcom CA gen, Jobtrack, CA11, CA1, Sysview, view, deliver, DOCVIEW)</i>
Security	<i>RACF, Top Secret or ACF2</i>

Type	Comments
Users and Groups	<i>How well are the security rules organized and maintained? Are users that are no longer active removed or organized such that they can be eliminated from migration? How many groups are there?</i>
TIM	<i>Tivoli Identity Manager or other single sign on process that impacts mainframe?</i>
Job Scheduling	<i>From RFQ: Jobtrack --> Please confirm</i>
Monitoring	<i>EX: SYSVIEW, TMON</i>
Source Code Management	<i>Ex: Endeavor, Librarian - is all source code contained in the SCM?</i>
Recompiled	<i>When was the source last recompiled? Mainframe upgrade, LE upgrade, language version update</i>
Printing	<i>\$AVRS, Document Repositories like Content Manager, mainframe printers, AFP</i>
SMF / RMF	<i>What is available, how long retained? Type 113, 30 (batch Jobs), 72, 110 (CICS)</i>
Batch Window	<i>Ex: 9PM to 5AM - 8 hours - are there any issues meeting the batch window?</i>
General	
Application Support	<i>General description of the application support model and FTEs</i>
Mainframe Support	<i>General description of the operations support model and FTEs</i>
Mainframe Spend	<i>What is the current mainframe spend?</i>
Hardware	
Software	
FTEs	
Distributed	<i>What are the current distributed operating systems and technologies that are in use today? What is the preferred operating system? What is the preferred development environment, Java or .Net?</i>
Windows Servers	
UNIX Servers	
Linux Servers	
Job Scheduling	<i>Ex: Tivoli Workload Scheduler (TWS), Control-M</i>
Number of Schedules	<i>Please provide details on the number of job schedules, how the job schedules are managed, and the complexity. For example, is there more than one daily schedule, are there separate schedules for quarterly, weekends, year end? How many jobs are in each schedule? Who manages the job schedules? Are there features like job dependencies based on the existence of files, multiplier calendars?</i>
Monitoring	<i>EX: Microsoft System Center (SCOM), BMC</i>

Type	Comments
Security	<i>Active Directory, LDAP, third party tools? Is single sign on provided? Is there an active set of security rules and protocols?</i>
Applications	
Number and Type	<i>Please provide the different counts for applications including the primary programming language/s, data stores and whether online or batch. (See the Counts worksheet for providing additional details).</i>
Language Versions	<i>List of programming languages and the current version</i>
Assembler (HLASM)	
COBOL	
PL/I	
Other	<i>Please insert a separate line for each additional programming language. Ex: Mark IV, DYL, Fortran, CSP</i>
Third Party Utilities	
SAS Jobs	
Other	<i>Please insert additional lines for other utilities. (Ex: Easytrieve, Websphere) Test Automation tools Performance testing tools Entire ISV List (apart from IBM & Broadcom software mentioned in RFQ)</i>
Interfaces	
Imported files	
Exported files	
3rd Party Products	<i>Other interfaces, EDI, Websphere, etc</i>
Data	<i>Amount in (MB) by type of data and count of the files</i>
Sequential	
VSAM	
Tape (by Type)	
HSM	<i>Files that are backed up that must be recalled through HSM to recall</i>
Tape Management System	<i>Ex: CA1</i>
Tape Devices	<i>Ex: Storagetek - and model, capacity, etc. Shared?</i>
Hierarchical Storage Management (HSM)	
DASD	<i>Capacity and Models</i>
Environments	<i>Test, staging, prod environments in use</i>
CAGen	

Type	Comments
Model layout	<i>Is it one per environment or multiple per environment. How many models and how are they organized</i>

A: We appreciate the detail in which you have included in your question. We have ready answers to all and can assure you that our technology model, operating procedures, currency of code and other items that you have brought up are likely superior to your assumptions. BWC is not in an at risk state with any mainframe processes you reference but we are not comfortable publicly sharing the details you are requesting. We realize this may complicate your ability to bid but what you are asking is within the work we expect to be accomplished with this project.

Q: Counts

Type	Estimate Count	Lines of Code	Comments
Number of Applications	7	-	Please confirm that there are cobol/CA Gen codes for all 7 applications. Is PEACH a mainframe application as well and is it in scope?
Source Code	COBOL, CA Gen		Please confirm if there are other languages like ASM, PL/I, etc
Assembler			
<i>Assembler Programs</i>	0		
<i>Assembler Macros</i>	0		
<i>Assembler copybooks</i>	0		
<i>Assembler BMS</i>	0		
COBOL			
<i>COBOL Programs</i>	3,000		3000 is from RFQ. Please confirm and let us know Lines of code.
<i>COBOL Copybooks</i>	0		
<i>CICS Screens (BMS)</i>	0		
<i>MFS Maps (IMS)</i>	0		
PL/I			
<i>PL/I Programs</i>	0		
<i>PL/I Includes</i>	0		
JCL			
<i>JCL Jobs</i>	11,000		11,000 jobs from RFQ. Please confirm.

Type	Estimate Count	Lines of Code	Comments
JCL PROCs	4,200		4,200 from RFQ. Please confirm.
Control Cards	16,000		16,000 from RFQ. Please confirm.
Other	0		
ISPF Panels	0		
CLIST	0		
REXX	0		
Third Party Utilities	0		
WebSphere MQ	0		
3rd Party Products	0		
	0		
Data	0		
<i>Sequential files</i>	0		
<i>VSAM (fixed length)</i>	0		
<i>VSAM (variable length)</i>	0		
<i>Tape</i>	300,000		Count is from RFQ. Please confirm.
<i>GDG Instances</i>	0		
DB2	0		
Databases	111 (rates & payments)		We got the count for rates & payment from RFQ. Please let us know for other applications.
Tablespaces	3512 (rates & payments), Peach (138)		Is Peach a mainframe application? The RFQ mentions 3512 table spaes for rates & payments and 138 for Peach.
<i>DB2 Database Tables</i>	0		
DDL	0		
IMS	0		
DLI Segments	0		
PCB	0		
DBD	0		
IDMS	0		
ADSO	0		
Schema	0		
Subschema	0		
Record	0		
Set	0		
Other	0		
Releases	0		

Type	Estimate Count	Lines of Code	Comments
Bridging	0		
CA-Gen			
Action blocks	0		
Procedure Steps	0		
Models			

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